MAY 1, 1922

pany, Inc.

# AVIATION

VOL., XII., NO., 18

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### THOMAS-MORSE AIRCRAFT CORPORATION

CONTRACTORS TO U. S. GOVERNMENT

ITHACA.



NEW YORK

Come NEWSOLD

AVIATION

Lamman WOmen Dreses P. Wasser

Europe to South America D SOUTH the failure, near the goal, of the two Portuguese areal arrighters, Contains Colonel and Contains, to link they country via the my route with Bracil, their culture at-

To begin with, the three principal logs of assurer which ways completed, of 700, 800 and 500 males hearth, respec-Unity, required an entressely fine passe of navigation by compare and sextent. If it is considered that these flights manyon and resident as it is commonwer told these registerof a few years of the Perturbane nevy, the achievement of Perturbate transcriptic etternet was more than a norw to connect Europe with South America via a washable conthat even the best route norms the North Atlanto, by wan

assignation, is not the only nedestakens of its kind. The to Dakur. This work, it as stated, will be comprised in about. a year by which time the French expect to have built the

And these Europe to unconstructy at work to recoding to perconations ashartement Amorrow, the highlydane of the au-

st the Navy-Cartess four-engined flying hoats a type of narstyll which, with some modifications, could have managemented an acroal most service between Europe and South America. over the very reute flews by the two Purturness syntiers. In the last sealyon this flight should call the attention of Aweriess southeast construction to the large field South

Listing Aviation Facilities

TaiLOTS of suplemes will reduce the narver of leaders

and back to New York by way of the Great Lakes. When a detailed survey of shore landings extending over a total

broker sinces, bankurks, opppass come, etc. The U. S. As the lack of systems aroun to detect our civil aristim. more and recre toward the use of the shores and weterways, some existing agency undertake the work in question without the Henry on appropriate amount of time as their to reco

precides will be capable of doing effective work. The directions, particularly of it would work in congression with What we have seed above with requel to air pilots' directions for the Atlantic coast applies will equal force to the Postle To collect the necessary information on sympton fundation, dis-

tannon, landmarks, etc. may at first eight seem a large naturareas. However, considering the speed at which accounts travel, and the excellent observation pletform they affect, of community obert time but also that the expenditure invalued will be very small in contrast to the great experience

# Quality and Confidence

HERE is a universal confi-dence in Martin-built Bombers T dence in Martin-buss account formance and records of de pendability

The Glenn L. Martin Bomber is the product of an organization skilled. brough 12 year's experience, in the sulding of aimlanes better than it was

thought possible to build them.

This organization has developed proneering control which are directly responsible for the unequalled performance Experienced airmen know that a Martin-

built Bomber can be relied upon to represent the highest ideals backed by

THE GLENN L. MARTIN COMPANY

# The Wright 6-Cylinder Airship Engine

First American High Power Airship Engine Develops 350-400 hp. and has Low Fuel and Oil Consumption

The Villagi Anomatord Core has just control at a 12-bit file to mirror the real for the rounce of common of the control of the

The complement of the configuration of the configur



The Wright 6-rgs, meship sugars in these-morter view from the extraorables and

size. The posts rots for each spin-for are noticed by consisting a the emission. This inconsistent supplies it is special of to simple eligible for regions as require men therspin of the simple eligible for the regions, as require men the and with same-fields for these episodes, thereby simple is appealed. The creations we of the soft continued type is made plant to become operation of the soft continued by the poinoid gives an fault. This continue is that of an endergope and the soft of the soft of the soft of the size of the size of points of the soft of the soft of the size of points of the size of points of the size of the size of the size of the size is the size of the beautier. Only, so size well then The materials of the series on all littles of the small possible from the complete of the same part of the complete of the com

## Starting Aircraft Engines at Low Temperatures

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over a fine believe attempting to start.

The proportions of the nature for deping, eschale for different conjumnation on an indicate attempting to the natural properties.

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Acronantical Institute Suggested Dis Acronantical Institute Suggested Dis Acronacia Chamber of Comments has record segundation from a stather of the methors that it previous feet also competendate, of an economical analysis of previous of a same segural and the secondary of the

sace should be taken in one that the confinal points and the mid-operations of all points of the same augmented there are being of their lates of the same augmented the same being on the same being of the same augmented the same augmented the same augmented the same augmented that the same augmented the same augmented that the same augmented the same augmented that the same augmented t

Seaplane Facilities on the Atlantic Coast There that have Ma depption. No hearth Me carried, against nove Touton about good about at Languy Fact and a Santon form And Phalin Thirty-nine Landing Places for Scaplanes Listed In Survey Issued by National Advisory Committee North Carolina There were surposts metable as landous ulares for secretaries better there Following is the full information collected by Mr Ent-Ashary Park-Emergency Ireday for small craft sales painted authorage with soft and bottom. One and off smiletie Volence No supplies No tile Modernia carbiology and intr-or diagreess. Pretected sucherson say Krannet-Equiliest landing for all maplanes. Morgan plant by trunc. No take No current No beach. No may Summery of Londing Places The North Carolina coast offers the greatest master of Edward cloud landing for all surplemen. Protested an-New Contin-Landson for all complexes. No protocol Electric City-Good hading for all respinses. Protected New Coulds - Landary too all temperate to proceed and process and break Swift correct around wherever, the landing receives for an overtame are average at Arypor, where deep water measures, beaching, reports, and morphi-Newwastle, Del., affords a landing place for all types of non-American Excellent lending for all preparers. Good and houles and baking Pentreted surborage with firm and bottom and hearlessy forgittes of north and of state year bridge Augusta one safe from this point. Weather in-Series Attained on the front may point or enter memory memory appears expedited all Natual Academy. Gen and oil available. No extends on polytopic One Sect 1140. No extends. In Haryund thee recent trains passes for at Superior are Asseption. Bultimore and Overs Cdv. In Bultimore. Bultimore - Excellent landing for all proplems at Planars Enthusian between tending for all seagment at Entering Street Bridge, which can be seen from the ser as large recently bridge seath of upper Stationers burbay. Probated anotherage farmulad by Easter Aufines, whose shop and office are in Greens-Good Inches for all souplease. Posteried an-Immembed by heater Autrane, whose shop and office are be-called in such of bridge. High test yes and oil. Avianes experies and experies available. Our find tale. Bracking facilities. No carposet. Tre releases from business district facilities. By current. Tre remains by tracker, Weather reports available Cambridge-Good landing for all scephnes. Protestal call Not state for impe craft. Dangerous, as rever as agreed places at Columbus, Bell Haves, Educator, Elizabeth Canexchange with first and bottom in core west of stranboat got bordered with Josh never | Walth of rener about 200 ft. and at available At Presents on Allements Sound, a and of Available. At Physician on Assessment Course, a leading is expected to only on small could on account of the national surface of the most owners of the most of Washington, N. C., the report Chestreleve-Good landing for all numbers predected anchorage with mad betters mear bridge. Death on opposits show from town. Gas and oil semilable. No aria-tion supplies. No toda. Moderate causest. Critical-Good landing for all reactions. Preterted on South Carolina has four good neapless ports. Beaufast Reston-Good heading for all supplemen. Large synft will Restortated heading for an employee. Agree Place we had at mouth of Twee Aven Street and task to electrical wharf at Ecotor Point. (Ove rells from town.) Our and neglackie. Mederate except Brancott, Ga. office good braden for all suppleme and Ocean City- Excelved Mading for all sesplance in Binogap-

Surmoush-Gre-vey landing and labouff for all semplanes Strawarch-Leading for all sespicase. Protected anthor-age so from of sharedood Neval Ary Station. One and oil Presenting-Good hading for all resolute. Unspotented plen Six to regist front ride. Smith tela! recreeks at diseks. Detail-Landing for small reads only in Lake Breesford which is three noise from town. Protected suchermor and

December-Lamburg for all propiones. At high tide normal

Moorings available in front of K, of C wharf. Good anchor

strandent what Armine supplies available and beathing included where Are Station, Parts Island, Pear to six

Generature. Good imping for all negations of Wincols month of creek with first mad better (To not gasher up

retell as front of terms as bottom here is smooth made ). Gus

current at wharen. Wenther reports from Const Guard Senford... At head of St. John's River spate for small eraft. tour public whar? Gasoluse and of available free garages. No hearth. No tide. No carrest. Mo supplies. Note: - Chem counted as P. lang at the point numbered and the We data at haid.

In given the rise of this I have not taken the figures for most near take the large given the count near take the hear given dyname which after bet the negligible for the day to what soughthese which are it some inserted to the emplace other.

and oil appliable from rurner by truck to wharf. One to

two foot tade. No correct. No copplets

craft can be made in front of city between bridges. In leadmg byte creat real reals. Can and all for large realt ha

notic of bridge. Take-off along nound to north or through

holog for Wibsington in the right at that point is merow.

SVA's Emigrate

& Co. of New York on the S S Versh on April 23 Bt to

reports at Coose course neutron.

Oxford-Good brofing for all imaplesm Good anthropy to first send Rosekery facilities due and all weaklets. No exception. Our to two foot tide. No except. under from De Land, also at Sundwed on Dt Juhn's River Saledway. One-way landing and take-off for small could only in Wisconson Street. Very narrow and twisting. Landand Palatha. Large could can also land at Palatha north of tage will be made at a point in view two rolles sustered of lower and face up to public what? No lending for large craft and Printer. Ladge every can also have at PRINTER source or realmost bridge or neeth of the State load bridge Having completed the five log of his cross. Mr. Easter is supplies. No boach. No tide. No current

31. Augustine, Fig., affords an excellent landing place for

3t. Augustus. Pla., avers an excession ranging power on all peoplesian Other good leading possis on Physics are be-

from beach. Our and all available. Two fact title. Broom Anthorne in selt send bettern that and oil wratable. No Care Charlet Good landing for all amplemen Avoid

stakes and keep in strendent channel when tasking up to the

#### Eliminating Fires in Airplanes Special Study of the Subject by the Air Service Shows Considerable Progress Made in Past Year

Firm in the say, once the bills noise of naveline points, here and the tanks theregives, while parts of the sugme are still

A special study of flow in simpleses, just energiated by the Number at Assaires Greetly Decreased

and other importunity will nal materially as solving the problem, which is admittedly is segious one iting room a crack. In the commontal field there was reported assumes free from creaken. In 1622 only four face were proceed in sivil.

references hot in Richt to cause fire. The manufactor of of the curious in greenly ascretors when gus those are country above the cooking or directly belond it. When on an appropriate

As a safety mountains, one section suggests the planta of In the manuraly of free taking place while the place or be brough the curbureter sciade, trusting gracking or value which First resulting from defective exhaust manifolds, have been I houses all inverse; are reaso. The success of the above measures is shown by the fact that fight have also been tested and untailed. Fire extraoribless pilot's sent to the vicinity of the carburster. Surjekting figure the married by objecting one are glacered mappy along the plane. Fire walls have also been constructed to reveal the spency to the peters models. Responses are spread, however, that the primary line of

#### The Wibault Night Bombing Biplane French Two-Seater Fitted with 600 hp. Renault Engine Has Useful Lord to Total Weight Ratio of 52 per cent

By John Jay Ide godel Waterit, who was forwardy associated with the formit Commerc, has precently both for the Preside array agbehind the pilet's mat. The sunner can fee developed thousand

The fall and to made up of deralemen takes of the name alguants recently both. Although it is a large marking at and the same and the the same hear of the thick high-lift type. The lower surface has no The business over consute of two wheels and no sale summajor, having in fact the appropriate of hone whether con-



Two sters of the Wilcoll sucht bonker (600 by Reandt equar) which recently passed the acceptance tent of the

\$7.600 In of sand without deformation after sensoral of the Atleness are fixed to the leaver plane only which has some-what greater uses thus the uponer plane. The timele walv of

175 mg, hore and struke. Cooling is effected by two Lamb-

shows that is model of the C class ampley hell, when arranged at its major serious and powerful with a syllectic mat-body The pilot's codepct is further aft than awal, being sheat

yes. A productive of the decrease as that the Chickman of the advancians department to be used the way years of stand to be Oberecentation



Drag of C Class Airship Hall Tris report, by A. F. Zales, R. S. Starth and G. C. Hill.

As soon) for such models, the drag for any fixed length secod below and to the right of the pilot. When in action,

### A Theory and its Proof By G. A. Spratt

The following private which rever some interesting points The mass ereser of a free body is its fixed point. If to

a calculated one and distance from the wing, so that the sertion upon our appear to their shifting forward or back. To effected, let the fruthcolors processes upon a serodarly From all penals upon S the frictionless possesses, in that

sonance maker of the rade. Their resultant force career scenario comber of the radii. Their resultant force passes through the common senter of the radii. D. force to propose upon if An equal contrary force applied at the point of tiples if An equal memorary speece appealed to the power to intermediate of AO and Z, that is, the contex of presence, will establish resultation. There is no torque around thus point.

the radius with which the resultant selection

In the shapeans of For 2 the effect of dreft is shown. The earliest if us a careful says I - 7. The left and dwitt or calculated and 5 deg name of steet (Leening's "Military Ale planes" p. 551. also the direction of the frift. As in the chart, the left, CA is taken increasableship to the drift lime. The scale of the left and drift forces is had out upon these least. The resid (normal to 5) not with GA (as given in the chart). CP in

It will be artised by comparing the diagrams that the

supervise values of the lift and the drift, and the travel of the

the two, a.e., it ease desgrees, to pass through a point, it, which as each chapters securpted the same position printyrely the line DCE passes forward of the point, ld a further distance point M. tem in to say "— It is done start, this sirecture, laster containing at M, with merico 6)", securior, and union a ciding angle that content answers to a date, the pro-Astrol experiment gives better results thus the discress. indicate. A wind names t the surface S, whose mounted reducts. A wild agreest the secrets of whom mounted specially with M as no axis of rotation, field to came retained Laboratory tests, sandels, and glader tests were all so press.

the set was removed, and a quite satisfactory response to medic was obtained. The sindfiring effect of the tail ware

assertful to controlled flight. The molbod of steering is right. or left to not within the second of this wedges, but us no way

senter of peccesses, combine in a very peculiar resease to cause

May 1, 1977

The sirestarty arched surface develops a graphy lift that vance against a recreed having a less approved than will any ear. Use maker has not been religated to test except in From the viewpoint of sonstruction, the low position of the fact to the nound, with enemater included can easily be ch-Taking these points torother it seems units within the "permise" sales of small test surfaces and phenomena ob served elsewhere, grew with the work of emphyding it. From this work. It seems that there is here, quite within reach, a one max shrplane weighing perhaps less than 500 fb , early handled upon the ground; of siye take-off and handing speed simple in structure, simple and positive in control; only for

the elimination of the non-dire. It goess non-billion of

# Properties of Metals and Allovs at Low Temperatures

At the meeting of the French Academy of Sciences on Feb. Fragility at low temperatures is a characteristic of fermiterr); SR deg (we and calcum chincide); -80 deg (exchange more); -190 deg (band ac) to the temperature. The special period index them are very fractic to liquid sur. It is to be remarked, bowerer, their additions of maket retard the lowering of the fractility with e becaperature. Hardness and resilience tools after a selecter of 16 kg, in





Notices to Avistors \*Elnele Person Landery Solds. The following information conremain landing fields for alreliness and susplease at Pours. II. her been received from C C Marches, U.S N. R. F.

French Air Traffic Progress An also of the asternaling progress of convergent arisk or France during the yest year may be present from a star

ment memel by the French Department of Astronautics and Astronautics and Astronautics and Astronautics and Astronautics and Astronautics and ISTA, Convidence in burdency makes which serious has 1821. 1971. Considering the handway under where awarned has come cannot so by the companion exponent, the numbed has the fature seems very bright. The following is a caresaus-THE Person Minterest Passages Parell & Language The Contentance on the opposite page will got the reads an abn of the artivities, types of machines employed and familian provided at Le Brunget august (Paras), which hash Paymen which are avadeble for the air suid between Press. mend" soumer there and back, the increases have been upo marked In January, 1923, the total was 16,207 bettern in January, 1923, the reacher was 16,501 and to any total Present were greatly in errors, vir. 52,691, as around 1838

The following months: British of believ current coming from speak for themselves. February, 11,005, March, 14,006, April, 17,179, May, 18,751; June, 22,781; July, 20,181; August, 76,253, Reptaulou, 25,006, October, 40,001, Norman

Passe, Thomas to Strift, Rome, Athens, Constantinople and

Loening Gets Army Contract The Lorenze Association Engineering Corp., new looked

In their new plant at fillst fit & East Riess, New York, have

Approximate position: Latitude 60" 65" N., trustiquie 60" (h) The field smulable for lending at the Pourse driving

Change-Landay Field,-Mr James S. Stephens, county was and Seventy-gash and Elphy-armeth Streets higher than the increasing property and will not receive The clab happen are located in the center of the field, and

Flying in Missouri The Manhles Assert! Co. with a field and hangur invated

Airplane Lumber Company Organized

The organizers are Lewis II. Petersen and John P. Stein



Principle Second already-Pic C. Administration business Six 2, "411 or bound?" Fix 2, Principles on the a Figure 2. Design disposet—Fig. 1. Assumed the Entering Fig. 2. "All its based." Fig. 2. Exerc One in the way is London Fig. 4. Spad 53. Fig. 5. Furnam Galanti. Fig. 6. Register ones of the adoptort. Fig. 5. DH18 are appears. Fig. 8. Hundre Fig. 10. The street of the ones Fig. 10. The street methods.

Meeting of N.A.C.A.

the proofe'dy of future adverse refrigue. The whole com-

emeter. Nery Department. While the database of the decales-

what to the general shape of a bird's wing, that is toportagtoward the tip, bothy of which features add materially to the Dr. Amm also explained the operation and application of

can of the sirpitte steel in fight, but the actual conduct the range of specessor or the arrest value to the descript but

Weather Buress; Dr Jaho P. Hardood, Northwestern Uni-

Radiophones on Mail Plance An Arr Mad where priced by Hamilton Lee on Anali or iles, the sleep's speed greenged 110 map h. This shap was flown to the capital for the purpose of harms nataled as a most of its equipment radio sending and more ing telephone. The is the first of the transcen-



Probability Gracest Work (safrone right) compets the rods: be recepted with a redurations, but evertailly all of the

Radio Concert from F3 Plane As interesting demonstration of the possibilities of radio paug, America The such reserved that I note your editorial in the Aveil by sames of Automate undergroup the new Goodyser Type AC grows and quastime. Let un compare the new Type AC skipthe man type done and on general man correct to such practice of such gravity fred. A braken or socied reasoner res-The apen car may on the steer type has vary a gaw been or some six upoer between the regulars and the nevelope. The

May 1, 1902

Portugal to Brazil Flight Verde Islands, to Parte Press, in the more archipelage, a

The real natures is the preformance. With a short stubby



contraction but word or interest, then because compared. St. Paul's Reet, about 900 major great, where they bended for which perhaps rough not be done on an older true of sitts

This appoints is a modification of the Paper CIDs and has xxxx recognizes in a modification of the Princy CID, and has a span of 62 ft and an evental length of 26 ft. 6 in. The su-ping is a XXI by Bodie-Roose "Rogie" and the first supply Revised the marking developed a high speed of 95 maph with a wine loading of over \$2 th (so, 5), and a rever load.

ing of 19 in Ap, and the low speed 48 saps. The weight country of 150 in Ap, and the low speed 48 saps. The weight

the Air Service is 10,300 related men, while the approximate number non enjoyed in the Service in 5000. A large number to begun Auty L new still groups on. Considerior new being neto begun Auty 1, say your going on. Conditates not being ne-expited from the Arms and civil life, powerfied thin arm within

Adder, with the result that the Fighter did everything which Loratenant Ballard boosted of Littlemant Falland will have as concernants to embeld the confidentions of the Pobler or you completion, is given to make flight at this station. Present

turned from the Philippine Department, and see being his Makes Field-Two five-slop formations paned as the up pilets were Capt F I Eglin, Licute, W S Selferes, G & Mellerer, A E Walter, Calet Placer and their selfer Mester P. L. Williams, C. H. Marry and Com. Lame Com arriver at a designated position over San Francisco.

Crier Field-The shortage of coloied personnel which he

ARMY AND NAVY AIR NEWS

are numbered spaces the percented of the 406th Saundren. who was shot down everseas. This dedirection marked the Our rise Lingua is being record at the field, and makeral for two more will arrive shortly. There will be about too XVEE yields, for the XVEE yields, for the lay the squares then spring and someour. This should in

laboratory & School der Flight Surgeon, Mindell Piebl, Massele, S. Y., to daily Naval Madred School, Washington, Livet, Julius F. Neeberger (Medical Count); Linet. Pure O. Sectionation (Medical Corps); Lent. Carl J. Baberton (Med. for transfers here been made to the suppose, see a see as Facts Surgeons, Mitchell Free, surveyed that there will be say difficulty in Siling these planes, Mederal School, Washington, D. C.

Hash S. Larroce, Win. H. Gerrison, pr., Henry H. Arnold, gilliad P. Harrocen, pr., Win. L. Moone, pr., Earl L. Nauden, Jr. E., here been relieved from their process assignment and Jr. E., here been relieved from their process. deck builting when the Langley Enalty goes to see. Series landings were made on the density deck had down at the a nersen not before Bopt, L. 1992, and not later than Sept. statem with an Aeromanue place, and two practice runs with a DH4D were also made. A VE3 made a radio test fluids to The hydrogen reflecton of the CV, which was formerly filled, with before, was begun on April 4 and completed in a filth The Duncies of First Level, Ergost Wylscham Dickman. Open of Engineers, in the Air Service on March 9, 1925, with with believe, was owner on April 4 stal compensus as a mass cone ton house. The step was ready for fight on April 11. To data the Hampton Books hydrogen plant has replaced Corps of Engineers, to the Air Service on March 9, 1922, well and from Day 5, 2918, in appropriate. He will proude on 57,000 cs. ft. of gar, but you that down temperately awalting passed dely until further orders. The value of May Own M. Sublinger, Lef., on a famor col-dary synther from Jun. 7, 1993, in assessment. The proposition of First, Lorent, November Booker, Wood a C. of he, reconscious an an officer of the Areas, as accepted Facil Loui Edwin S. Pape, A. S., is refleved from further manual at Walter Earl Research Hamilal, Tabana Park. M. C. Phrine Field, Quantics, Va.-Three masshare of the collisied above Quantum, Va., on April 17, with engaged in buills practice. The dead are let Lacet, Earl M. Scratalt who a. E. to the Infragry on March 25, 1925, is announced Lond Col William E. Gillsons in pripried from day in the allow of the Chief of Air Pervice, this city and will seemed to New York City and report in person to the commanding The law please which had been firing around each other. The law places wares one need gying arrows more more, seeking to get above and behand each other negotiation a "dog tight," colleded at an alletade of about 5000 ft., as they came note by sale. Their ways, interhedsed and they broke

sum Orders - Mayors French M. Andrews, John D. Roserlan,

Sant S Larroln, Won. H. Guerrann, pr., Henry H. Arrold

May 1, 1922

emergency leading fields on derect air laws to various stations Capt John W Keller, A. S., now on large of shooner at Young, N. Y., is rebrieved from their at Post Plats, Pour Gill San Methol and Cape Hadian to appear before a board of First Direct George H. Serven, A. S. in directed to record Cart William E Fastking, A S, a relieved from duty a Gept. William & Fastking, A. S., in relieved agent carly at the Air Service Permit School and from Surface date at

# I, and report in person to the concustables officer for

New Orders-At. (jg) Paul C Werrer, det. Naval Au-

Mer 26 - Frank Assaud Abverely Exhibition, Logan Mey II - National Sullian Sans Milesantes June 15.17 ... Firing Most, Manmouth, St. Seel, 4 - Datroit Acres France Darker Daniel (Comthe Marone Figure Traphy Competition, Supt. 15 - Derroit Aeriel Berky, Doroit, (Palitan Sept. 10 -- First Annual Interspreter Chemotombia PORKEON August - Coupe Second Schneider, Chandens accord

Aug 0 - Garden Senney Sulfoce Secs, Commun.

Aug. 526 - Searing and Citing Competition, Geraldal. Sept. 22 — Coupe House Dunisch de Se Maurite, (dis-nium speed rece.) France. American elemboration artists If received a be held about day. 15, or Mirchel Field, L. L.

Barryon Reads Need Ay Station... The News Sices attached

157 possision landman in prostance for their future made on

Marine Corps Aviation

Faurit Air Segadous, Pert on Ponce, Barti-Three many

Corrects Page offer testing a parachate (seet type peck,

Coming Aeronautical Events

Asr. 28 - Earling Show and Opening Mess, Carties

#### Foreign News

Australia—An English correspondent states that arrangements are being made by the Australian Government to establish the properties of the Australian Seventh Wales. Developments in the star New Sonth Wales. Developments in the Seventh Sev

British Government.

It is the declared policy of the Australian Government to establish serial defense hases in all the States of the Commonwealth as finances permit, and with this object in view the Victorian hase is to be constructed so as to form a head-depot for continuent and stores, and a two will be a large depot for continuent and stores, and a two will be a large depot for continuent and stores, and a two will be a large depot for continuent and stores.

pilots, observers and aerial gunners.

Plans are also being made to establish a seaplane unit at Sydney to work in cooperation with the Navy. Nearly all the equipment needed for this unit has been given by the British Government.

Fishard.—The American Countl at Bitsington state that during 1921 there were two commercial avaisance consumers and valiation companies operating in Finland, the Flyg A/B and the Flygtraft A/B, a merger of which is now under consideration. The former operated two French Candron seeplanes, one of which from the construction were said to the Finnish military anthorities, and the company infends to procure new plants for next season. He construction were said to the Finnish military anthorities, and the company infends to procure new plants for next season. See the construction were said to the Finnish military anthorities, and the company infends to procure new plants for next season. See the construction were said to the Finnish military anthorities, and see that the construction was seen to the plants of the procure of

200 passedgenergers and the consideration of Finnish currency and the consideration of a furplene froured from abroad, an airplane factory for the military anthorities was built last year in the dry deck division of Sweeborn, just outside of Helical and the consideration of the con

Gernany.—The work of disarming Germany in the air is ended, according to a correspondent of the London Daily Mail. All but twenty of the British, French, Italian, Belgian and Japanese officers, who have worked under General Masterman on the Inter-Allied Commission of Aeronautical Control, have left Germany. On May 5 the Commission will

cease to exist.

Since January, 1920, when General Masterman arrived in
Germany, the Commission has destroyed 14,800 airplanes.

Of 29,500 engines dealt with, some have been handed over to
the Allies, lnt most of them have been destroyed. Six airships have been handed over to the Allies.

The work of the Commission has been done under great difficulties; never before had the work of disarming a nation been undertaken. When General Masterman demanded a list of places where sheds, works, and airphanes were to be found, the antiborities declared that the papers had heen toot during the control of the contro

General Masterman's work is ended, but the control of civil variation in Germany is to continue. The Conneil of Anhassadors has not yet published the regulations to be imposed. It is certain that there will be a small permanent Commission with the right of inspection to see that mannfacture is carried with the lines to be prescribed for future German survent.

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